

For Research Use Only

FOXG1 Recombinant antibody, PBS Only

Catalog Number: 85930-1-PBS



Basic Information

Catalog Number:

85930-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17169

GenBank Accession Number:

BC035020

GeneID (NCBI):

2290

UNIPROT ID:

P55316

Full Name:

forkhead box G1

Calculated MW:

489 aa, 52 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

250144E8

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Forkhead Box G1 (FOXG1) is a member of the Forkhead family of genes with non-redundant roles in brain development, where alteration of this gene's expression significantly affects the formation and function of the mammalian cerebral cortex. FOXG1 haploinsufficiency in humans is associated with prominent differences in brain size and impaired intellectual development noticeable in early childhood, while homozygous mutations are typically fatal.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

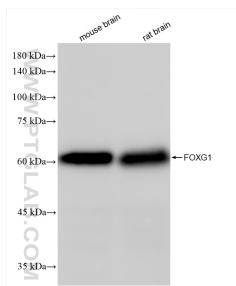
For technical support and original validation data for this product please contact:

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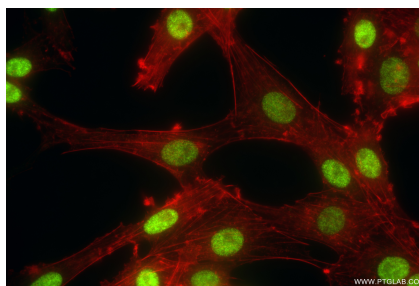
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85930-1-RR (FOXG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85930-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed C6 cells using FOXG1 antibody (85930-1-RR, Clone: 250144E8) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85930-1-PBS in a different storage buffer formulation.